

Table 7d part 1. U.S. Regional Electricity Generation, Electric Power Sector (billion kilowatthours), continues on Table 7d part 2

U.S. Energy Information Administration | Short-Term Energy Outlook - May 2024

	2023				2024				2025				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2023	2024	2025
United States															
Natural Gas	367.6	395.1	537.6	394.9	393.0	391.1	539.1	397.0	380.2	394.1	535.8	401.5	1,695.3	1,720.2	1,711.6
Coal	156.7	140.6	216.1	157.3	157.5	141.4	204.2	139.7	144.2	122.4	199.3	129.2	670.7	642.8	595.1
Nuclear	194.5	183.1	205.2	192.6	196.9	192.7	208.3	192.6	198.4	192.9	208.8	196.6	775.3	790.5	796.6
Renewable Energy Sources:	225.8	224.8	204.8	209.4	233.4	261.4	236.3	235.1	257.4	289.0	258.6	247.2	864.7	966.3	1,052.1
Conventional Hydropower	60.8	64.1	58.5	55.2	62.8	69.4	61.6	59.3	68.2	77.9	63.0	58.2	238.7	253.0	267.4
Wind	125.9	102.6	84.6	111.8	123.0	112.2	90.9	120.0	127.4	115.8	93.7	123.7	425.0	446.2	460.6
Solar (a)	29.2	49.0	52.0	33.3	38.4	70.9	74.0	46.5	52.8	87.1	92.1	56.0	163.5	229.9	287.9
Biomass	5.6	5.1	5.7	4.7	5.3	5.3	5.9	5.2	5.4	5.2	5.8	5.1	21.1	21.7	21.5
Geothermal	4.2	4.0	4.0	4.2	4.0	3.6	3.9	4.1	3.7	2.9	4.0	4.1	16.5	15.5	14.7
Pumped Storage Hydropower	-1.6	-1.3	-1.8	-1.2	-1.3	-1.3	-1.7	-1.1	-1.4	-1.3	-1.6	-1.1	-5.9	-5.4	-5.5
Petroleum (b)	3.9	3.5	4.7	3.5	3.9	3.5	4.4	4.6	4.4	3.4	4.2	4.5	15.6	16.5	16.5
Other Gases	0.8	0.7	0.9	0.8	0.7	0.8	0.9	0.8	0.8	0.8	0.9	0.8	3.2	3.3	3.3
Other Nonrenewable Fuels (c)	0.9	0.9	0.8	0.8	0.7	0.3	0.8	0.4	0.0	0.2	-0.1	-0.1	3.4	2.3	0.1
Total Generation	948.6	947.4	1,168.3	958.1	984.9	990.0	1,192.3	969.2	983.9	1,001.4	1,205.9	978.6	4,022.3	4,136.4	4,169.8
New England (ISO-NE)															
Natural Gas	11.5	12.3	15.8	12.5	12.2	11.3	17.9	12.6	11.0	11.5	17.7	11.1	52.2	54.0	51.3
Coal	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.3	0.1	0.2	0.3	0.4
Nuclear	7.1	3.4	6.9	5.8	7.1	7.2	7.2	5.6	7.0	6.1	7.2	7.2	23.2	27.1	27.5
Conventional hydropower	1.9	1.4	1.6	1.8	2.1	2.2	1.2	1.7	2.0	2.2	1.2	1.7	6.7	7.2	7.1
Nonhydro renewables (d)	2.6	2.8	2.6	2.4	2.7	2.9	3.0	3.3	4.2	3.9	3.6	3.9	10.4	11.9	15.6
Other energy sources (e)	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.4	0.6	0.2	0.2	0.4	1.0	1.1	1.5
Total generation	23.6	20.2	27.2	22.8	24.3	23.9	29.7	23.7	24.9	23.8	30.2	24.5	93.7	101.6	103.3
Net energy for load (f)	29.0	25.6	32.2	27.9	29.6	27.4	34.2	29.0	30.4	28.2	35.0	29.5	114.7	120.2	123.2
New York (NYISO)															
Natural Gas	13.5	14.2	21.1	15.6	15.7	13.6	20.8	14.4	13.9	14.1	21.5	14.3	64.4	64.4	63.8
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	6.8	6.6	6.9	7.2	6.5	7.2	7.0	6.5	6.7	7.0	7.2	7.2	27.5	27.2	28.0
Conventional hydropower	7.1	6.6	6.9	7.0	7.6	7.4	7.2	7.3	7.0	7.0	6.9	7.1	27.6	29.5	28.0
Nonhydro renewables (d)	2.1	2.0	1.8	2.1	2.5	2.5	2.2	2.4	2.7	2.6	2.4	2.8	8.1	9.6	10.6
Other energy sources (e)	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.4	0.0	0.1	0.2	0.2	0.4	0.7
Total generation	29.7	29.4	36.7	32.0	32.4	30.6	37.3	30.7	30.7	30.7	38.0	31.6	127.9	131.1	131.0
Net energy for load (f)	36.1	33.3	42.1	35.5	37.0	35.5	45.1	36.4	37.9	36.9	46.3	37.2	147.0	153.9	158.3
Mid-Atlantic (PJM)															
Natural Gas	85.1	81.5	112.3	85.4	92.7	82.1	106.0	84.3	95.0	85.9	112.5	89.5	364.3	365.2	382.9
Coal	28.3	22.9	36.2	25.7	29.1	23.7	36.6	23.1	22.2	17.7	30.3	18.3	113.1	112.5	88.4
Nuclear	67.6	65.7	70.6	68.8	68.9	65.6	71.7	68.3	67.4	66.3	71.3	67.8	272.6	274.5	272.8
Conventional hydropower	2.6	1.8	2.0	2.5	3.0	2.6	1.6	2.1	2.6	2.5	1.6	2.1	8.9	9.2	8.8
Nonhydro renewables (d)	13.1	12.0	9.8	12.4	14.5	15.5	12.9	14.0	15.9	16.8	13.9	15.0	47.2	57.0	61.5
Other energy sources (e)	0.3	0.1	0.2	0.4	0.3	0.2	0.2	0.6	0.3	0.2	0.2	0.6	1.0	1.3	1.3
Total generation	197.1	183.9	231.0	195.1	208.6	189.8	229.0	192.4	203.4	189.4	229.9	193.1	807.2	819.8	815.8
Net energy for load (f)	192.5	176.2	214.4	187.0	199.4	183.0	220.4	185.7	198.5	183.8	222.2	186.9	770.1	788.5	791.3
Southeast (SERC)															
Natural Gas	63.7	65.7	82.4	62.6	63.4	68.2	88.5	67.8	62.5	70.0	89.1	64.6	274.4	287.9	286.2
Coal	23.7	26.5	39.7	25.2	29.1	25.1	39.2	21.8	28.2	24.0	40.0	23.7	115.0	115.1	115.8
Nuclear	51.7	52.9	57.4	57.4	55.6	57.4	59.6	54.9	56.5	58.8	60.7	57.4	219.3	227.4	233.4
Conventional hydropower	9.9	6.2	8.0	8.6	10.4	8.5	7.9	9.1	11.4	9.0	8.1	9.1	32.7	35.9	37.6
Nonhydro renewables (d)	4.9	7.2	7.4	5.0	5.6	7.9	7.9	5.6	6.5	9.5	9.1	6.1	24.5	27.1	31.1
Other energy sources (e)	-0.3	-0.2	-0.5	-0.4	-0.1	-0.2	-0.4	-0.1	-0.2	-0.3	-0.4	-0.1	-1.3	-0.9	-0.9
Total generation	153.6	158.2	194.5	158.4	164.0	166.8	202.7	159.1	164.9	171.0	206.4	160.8	664.7	692.5	703.1
Net energy for load (f)	148.9	149.2	171.6	149.4	155.4	158.8	190.9	151.7	156.5	159.7	192.7	152.6	619.2	656.7	661.5
Florida (FRCC)															
Natural Gas	38.3	48.8	59.0	42.9	39.1	46.7	57.0	42.4	36.7	46.9	57.0	41.5	189.0	185.2	182.0
Coal	2.7	2.6	3.9	2.5	1.5	1.7	2.7	1.5	1.0	1.6	2.5	1.1	11.7	7.3	6.2
Nuclear	7.4	7.5	8.0	7.1	7.5	7.7	7.9	6.7	7.8	7.4	7.5	7.7	29.9	29.8	30.4
Conventional hydropower	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.2	0.2
Nonhydro renewables (d)	3.5	4.2	4.1	3.1	4.3	5.6	5.4	4.1	5.5	6.8	6.4	4.8	14.8	19.5	23.6
Other energy sources (e)	0.6	0.5	0.6	0.4	0.4	0.5	0.6	0.4	0.5	0.5	0.6	0.4	2.1	1.9	2.0
Total generation	52.5	63.6	75.7	55.9	52.8	62.3	73.6	55.2	51.6	63.1	74.0	55.6	247.7	243.8	244.4
Net energy for load (f)	54.4	65.5	77.2	56.6	52.9	62.9	75.1	55.4	50.9	64.0	75.6	55.7	253.8	246.3	246.1

Notes: EIA completed modeling and analysis for this report on May 2, 2024.

The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

The electric power sector includes utility-scale generating power plants (total capacity is larger than 1 megawatt) operated by electric utilities and independent power producers whose primary business is to sell electricity over the transmission grid for consumption by the public.

(a) Generation from utility-scale (larger than 1 megawatt) solar photovoltaic and solar thermal power plants. Excludes generation from small-scale solar photovoltaic systems (see Table 7a).

(b) Residual fuel oil, distillate fuel oil, petroleum coke, and other petroleum liquids.

(c) Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, nonrenewable waste, and miscellaneous technologies.

(d) Wind, large-scale solar, biomass, and geothermal

(e) Pumped storage hydroelectric, petroleum, other gases, batteries, and other nonrenewable fuels. See notes (b) and (c).

(f) Includes regional generation from generating units operated by electric power sector, plus energy receipts from neighboring U.S. balancing authorities outside region minus energy deliveries to neighboring balancing authorities.

Historical data: Latest data available from EIA databases supporting the following reports: Electric Power Monthly and Electric Power Annual.

Minor discrepancies with published historical data are due to independent rounding and possible revisions not yet reflected in the STEO.

Table 7d part 2. U.S. Regional Electricity Generation, Electric Power Sector (billion kilowatthours), continued from Table 7d part 1
 U.S. Energy Information Administration | Short-Term Energy Outlook - May 2024

	2023				2024				2025				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2023	2024	2025
Midwest (MISO)															
Natural Gas	45.4	54.7	67.3	47.8	49.7	57.9	78.3	53.7	54.0	61.0	77.0	57.2	215.2	239.5	249.1
Coal	43.0	38.0	57.3	44.9	43.3	39.5	52.8	41.7	43.2	35.2	53.5	38.7	183.2	177.3	170.6
Nuclear	23.4	21.1	24.3	18.4	20.9	21.3	24.2	23.1	22.4	20.9	24.2	22.1	87.2	89.5	89.7
Conventional hydropower	2.2	2.0	1.9	2.0	2.2	2.7	2.3	2.2	2.5	2.9	2.4	2.2	8.0	9.4	9.9
Nonhydro renewables (d)	30.3	26.5	19.4	29.8	30.4	28.1	21.5	32.0	34.9	32.4	24.8	34.2	106.0	112.0	126.3
Other energy sources (e)	0.8	0.7	1.3	0.8	1.0	1.2	1.4	1.4	1.0	1.1	1.3	1.3	3.6	4.9	4.7
Total generation	145.1	142.9	171.5	143.6	147.5	150.7	180.5	154.1	158.0	153.5	183.2	155.7	603.2	632.7	650.3
Net energy for load (f)	158.6	157.9	184.3	155.2	159.9	162.3	193.1	163.3	166.2	165.6	196.1	165.6	656.0	678.6	693.5
Central (Southwest Power Pool)															
Natural Gas	15.8	21.6	30.5	18.3	19.0	22.1	30.0	16.8	16.8	20.9	29.1	16.6	86.1	88.0	83.5
Coal	20.4	17.2	27.4	18.4	17.4	16.8	26.2	16.4	16.5	15.4	25.7	15.3	83.4	76.9	73.0
Nuclear	4.3	4.3	4.3	4.4	4.3	3.1	4.3	3.5	4.2	4.3	4.2	3.4	17.2	15.2	16.2
Conventional hydropower	2.9	2.8	2.7	2.7	3.1	4.0	3.6	3.0	3.5	4.2	3.7	3.1	11.1	13.7	14.5
Nonhydro renewables (d)	31.4	25.6	22.5	29.4	32.0	29.4	24.9	31.8	32.0	29.4	25.8	32.8	108.9	118.2	120.0
Other energy sources (e)	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.7	0.7	0.6
Total generation	75.0	71.6	87.6	73.3	76.1	75.6	89.3	71.7	73.3	74.4	88.7	71.5	307.5	312.7	307.9
Net energy for load (f)	66.6	66.6	81.8	65.7	68.9	69.8	83.3	65.5	66.4	67.7	82.7	65.2	280.7	287.5	282.0
Texas (ERCOT)															
Natural Gas	36.5	49.6	70.1	42.7	42.6	45.3	64.3	45.1	40.6	43.4	63.0	45.2	198.9	197.3	192.3
Coal	11.4	15.2	19.7	15.0	12.2	12.8	15.2	10.6	8.9	11.3	14.0	9.8	61.3	50.8	44.1
Nuclear	10.5	9.0	10.9	10.3	10.0	9.7	10.6	9.3	10.8	10.0	10.7	10.2	40.7	39.6	41.7
Conventional hydropower	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.6	0.7	0.6
Nonhydro renewables (d)	36.6	33.8	33.6	31.7	36.5	45.0	44.7	39.3	40.0	51.5	51.7	43.0	135.6	165.5	186.2
Other energy sources (e)	0.2	0.4	0.3	0.3	0.2	0.3	0.2	0.2	0.0	0.1	-0.1	-0.1	1.2	0.9	0.0
Total generation	95.4	108.1	134.7	100.1	101.7	113.2	135.1	104.6	100.5	116.6	139.5	108.2	438.3	454.7	464.7
Net energy for load (f)	94.2	109.8	140.6	100.0	101.1	113.2	135.1	104.6	100.5	116.6	139.5	108.2	444.5	454.1	464.7
Northwest															
Natural Gas	24.3	17.9	27.8	23.9	25.4	16.6	22.0	22.0	22.8	12.8	21.1	23.5	93.9	86.0	80.1
Coal	20.2	14.4	23.6	20.2	17.6	15.9	24.3	17.6	16.3	11.2	25.5	16.4	78.4	75.3	69.5
Nuclear	2.4	1.0	2.5	2.5	2.5	2.5	2.4	2.4	2.4	1.2	2.4	2.4	8.4	9.9	8.5
Conventional hydropower	25.8	29.9	23.5	23.8	25.3	29.8	27.1	27.5	32.1	38.5	28.9	26.7	103.0	109.5	126.2
Nonhydro renewables (d)	18.9	19.2	17.8	17.5	20.3	21.7	23.1	19.9	21.4	24.3	23.0	20.1	73.3	85.0	88.7
Other energy sources (e)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.8	0.7	0.4
Total generation	91.8	82.6	95.4	88.0	91.3	86.5	99.0	89.6	95.1	88.2	101.0	89.3	357.8	366.4	373.5
Net energy for load (f)	88.7	76.7	86.5	82.7	89.4	77.6	86.1	81.9	84.4	76.4	86.0	81.8	334.6	335.0	328.6
Southwest															
Natural Gas	12.5	16.5	23.0	16.7	11.8	14.9	23.6	14.5	9.9	13.8	22.3	14.7	68.8	64.9	60.6
Coal	5.5	3.1	6.5	4.3	6.5	4.9	5.8	5.6	6.4	4.8	6.2	5.5	19.4	22.8	22.8
Nuclear	8.6	6.8	8.6	7.6	8.7	7.5	8.6	7.5	8.4	7.4	8.6	7.5	31.5	32.3	31.9
Conventional hydropower	1.4	2.5	2.0	1.4	1.6	2.2	1.9	1.5	1.7	2.2	1.9	1.6	7.3	7.1	7.4
Nonhydro renewables (d)	6.4	6.5	6.1	5.6	6.6	7.6	8.5	7.8	8.4	10.4	9.6	8.7	24.6	30.5	37.2
Other energy sources (e)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.1	0.0	-0.3
Total generation	34.5	35.4	46.2	35.6	35.3	37.1	48.5	36.9	34.7	38.6	48.5	37.8	151.8	157.7	159.6
Net energy for load (f)	28.3	32.9	45.8	29.9	28.9	33.9	44.8	29.4	28.5	34.8	45.1	29.4	136.9	136.9	137.8
California															
Natural Gas	20.2	11.5	27.2	25.6	20.4	11.7	30.1	22.5	16.3	13.2	25.0	22.6	84.6	84.8	77.1
Coal	1.1	0.6	1.7	1.1	0.5	0.5	0.8	1.0	1.0	0.9	0.9	0.0	4.4	2.9	2.8
Nuclear	4.7	4.9	4.9	3.2	5.0	3.7	4.7	4.7	4.6	3.7	4.7	3.6	17.7	18.1	16.7
Conventional hydropower	6.5	10.5	9.4	4.9	7.0	9.4	8.3	4.5	4.8	8.7	7.9	4.1	31.3	29.2	25.5
Nonhydro renewables (d)	14.7	20.3	20.5	14.9	14.7	25.2	19.9	14.9	17.3	22.7	24.6	17.1	70.5	74.7	81.7
Other energy sources (e)	-0.6	-0.2	0.0	-0.2	-0.4	-0.6	0.2	-0.2	-0.7	-0.4	-0.3	-0.5	-1.0	-1.0	-2.0
Total generation	46.7	47.7	63.7	49.5	47.3	50.0	64.0	47.4	43.2	48.8	62.8	46.9	207.6	208.7	201.7
Net energy for load (f)	60.5	59.9	76.7	62.9	59.1	62.1	80.6	62.7	60.2	64.3	81.2	62.7	260.0	264.4	268.5

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Minor discrepancies with published historical data are due to independent rounding and possible revisions not yet reflected in the STEO.